

# Om Pandey

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## EDUCATION

### K. J. Somaiya Institute of Technology

B.Tech – Artificial Intelligence & Data Science

Mumbai, India

2023 – Present

## EXPERIENCE

### Tech & Data Intern

IntelligoEdu Pvt. Ltd. (via STEP, IIT Kharagpur)

Mar. 2025 – Apr. 2025

Remote

- Developed automated Excel dashboards for marketing KPIs.
- Streamlined backend workflows and aligned analytics with outreach campaigns.
- Collaborated on testing backend features of a student learning platform.

### Cybersecurity Intern

Maharashtra Cyber Police

Dec. 2024 – Jan. 2025

Mumbai, India

- Conducted OSINT investigations and assisted in solving real cybercrime cases.
- Drafted technical reports and digitized case files with accuracy.
- Contributed to cybersecurity awareness campaigns.

### Marketing Head

IEEE KJSIT

Jul. 2024 – Oct. 2024

Mumbai, India

- Led outreach for a college techfest, securing 5+ sponsorships.
- Designed sponsor decks, social media content, and managed cross-functional teams.

## PROJECTS

### AI Model Testing Framework | Python, PyTorch, scikit-learn

2025

- Built a testing pipeline to evaluate ML models on accuracy, precision, recall, and robustness.
- Automated adversarial input and bias detection tests for NLP and vision models.

### NeuroScribe – AI Lecture Summarizer | React, Flask, Firebase, NLP

2025

- Developed summarizer app for lectures and tested AI summaries against human-written outputs.
- Integrated interactive Q&A with functional tests for correctness and relevance.

### AI Chatbot for Tax Queries | Python, NLP, Hinglish

2025

- Developed a chatbot for Indian tax queries with Hinglish/English support.
- Created automated test cases for intent classification and response accuracy.

### Dripzzy – Fashion E-commerce Website | React, Firebase

2024

- Built full-stack eCommerce platform with authentication and cart.
- Implemented automated test scripts for login and checkout flows.

### Secure Chat App | Flask

2024

- Developed privacy-focused session messaging app with one-time chats.
- Tested session expiration, error handling, and encryption features.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, HTML, CSS, SQL

**Frameworks/Tools:** Flask, React.js, TensorFlow, PyTorch, scikit-learn, Firebase, Git

**Testing & QA:** Unit Testing, Integration Testing, AI Model Evaluation, Test Automation

**Domains:** Web Development, AI/ML, Cybersecurity, Data Analysis

## ACHIEVEMENTS

KVPY Qualified

Bronze Medal – National Cyber Olympiad

1st Place – VJTI TechFest Project Competition

District Chess Player, Ex-Head Boy